

Amendments to the Claims

1. (Currently Amended) Electric motor for a pump drive, comprising a stator and a rotor for driving a pump impeller, the stator being embedded in a plastic body and the plastic body forming a chamber together with the stator in which the rotor is received, the chamber being closed at a first shaft end of the rotor and the rotor being connected at the opposite second shaft end to the pump impeller, wherein the plastic body which surrounds the stator is an integral one piece molded body defining a first bearing seat for receiving a first bearing at the first shaft end and a second bearing seat for receiving a second bearing at the second shaft end in an interior wall of said chamber and wherein the second bearing is mounted on the second bearing seat.

2. (Previously Presented) Electric motor according to Claim 1, wherein the plastic body is manufactured by injection molding.

3. (Cancelled)

4. (Previously Presented) Electric motor according to Claim 1, wherein said chamber is closed with a cover at the first shaft end.

5-7. (Cancelled)

8. (Previously Presented) Electric motor according to Claim 4, wherein the rotor is fitted on a shaft which is supported by a journal bearing at the first shaft end.

9. (Previously Presented) Electric motor according to Claim 1, wherein the rotor is equipped with a coil flux guide connected to shaft stub ends at both shaft ends.

10. (Previously Presented) Electric motor according to Claim 1, wherein the stator has a stator core and phase windings, each connected to a connection element for each phase, the

plastic body surrounding the wound stator in a manner which allows only the connection element to be accessible.

11. (Previously Presented) Electric motor according to Claim 8, wherein the rotor received in the chamber when operating the electrical motor in connection with a pump is immersed in the pumping medium.

12. (Previously Presented) Electric motor according to Claim 8 further comprising an electronic module for electrical motor actuation which is located outside the chamber.

13. (Previously Presented) Electric motor according to Claim 10, wherein the electronic module is separated from the pumping medium by the plastic body.

14. (Previously Presented) Electric motor according to Claim 10, wherein the connection element for each phase of the electrical motor has a contact lug, and the electronic module has suitable contact lugs, these coming to rest next to the connection element contact lugs for connection thereof.

15. (Previously Presented) Electric motor according to Claim 1, wherein at least part of the plastic body further comprises integrated metal parts to shield the electrical motor against outside influences.

16. (Previously Presented) Electric motor according to Claim 1, wherein said first bearing is a radial bearing.

17. (Previously Presented) Electric motor according to Claim 1, wherein said second bearing seat at the second shaft end is adapted to receive a roller bearing to support the rotor.

18. (Previously Presented) Electric motor according to Claim 4, wherein said second bearing seat at the second shaft end is adapted to receive a roller bearing to support the rotor.